

SEQUENCE LISTING

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Ophoff, Roel Andre

<120> GENE RELATED TO MIGRAINE IN MAN

<130> VEOC.003.01US

<140> 09/269,446  
<141> 1999-03-26

<150> PCT/NL97/00538  
<151> 1997-09-26

<150> EP 96202707.4  
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<170> PatentIn version 3.0

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cctatacgctc catgttcatc ctgtccacga ccaaccgtg agtatggccc ccgagcagag	240
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<400> 20	
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tcctgaacct ggcgtacttt gagatgtgca tcctcatggc cattgcccattt agcagcatcg	180
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gctcataggt agggtgggat gttgggtca cccctaggca tagcccttat ggctgctgg	360
tgagagggga agctctgatt ctttgggat gctcttggga gcaagacatt ctttggggca	420
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<210> 21		
<211> 168		
<212> DNA		
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<400> 21		
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<211> 368		
<212> DNA		
<213> human		
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<210> 24  
<211> 406  
<212> DNA  
<213> human

<400> 24  
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cgtctacatg ctattcatgt tcatttcgc cgtggggct gtgcagctct tcaagggaa 180  
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<210> 25  
<211> 516  
<212> DNA  
<213> human

<220>  
<221> Unsure  
<222> (421)..(516)  
<223> n = g, a, c, t or u

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tttattcctcc tgcctcccaag ggctcctcctt gatagattt ccagtcgggc cacttactgt 180  
ggccagcctt ctcccgtgga cacggtaag agggtcagca gagcccacag cacattgtcg 240  
taatgaaatt catacttctt ccactccgg tctcgccct tcacctcatt ttctcgtag 300  
aggaggtatt tgcctctgcc acagagagtggactgtta gtaaatggga aagagggct 360  
gtcttgact tgcctttgtt tatcagagac agggggaggg aaaggaagag tggccacca 420  
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tagggatgn cgtgtgcaat ctactttttaa ggataa 516

<210> 26  
<211> 489

<212> DNA  
<213> human

<400> 26  
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aagatgatgg aggaatacag cctggagaaa aatgaggtgc cacttccaaat tccatctgtc 300  
ctttaaaaac tggggacaca cacaacttt aaaacacaca caacacccag gaacccttt 360  
ctagggta cttggggagg gaacagaagc attgtccaa ccgaatccag tcttcaggc 420  
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ctagttat 489

<210> 27  
<211> 512  
<212> DNA  
<213> human

<220>  
<221> Unsure  
<222> (1)..(512)  
<223> n = g, a, c, t or u

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tggctggggg caananaggc agagactcaa gcagaagcac ttgagaaccg cgacgagtt 180  
gacagagggt gcccgggtta cagccacctt cctcctgcct ctgccgctct caccactggc 240  
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tttcgagttac acgatcatgg ccatgatcgc cctcaacacc atcgtgctta tcatgaaggt 420  
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<210> 28  
<211> 411  
<212> DNA

<213> human

<220>

<221> Unsure

<222> (306)..(309)

<223> n = g, a, c, t or u

<400> 28

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tcgctgaccc ctgctactcc tgcttcttc ccctagttct atggggcttc tgtggcttat 180

gaaaatgccc tgcgggtgtt caacatgcc ttcacccccc tcttctctct ggaatgtgtg 240

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tggaaanaanc ccaaggggga acaatgggtc ctggatgatg gtctcccaac gtggcccaa 360

gaaccccaac ctcaagggtg gcttcagttat cctgcccagt ggccacagat c 411

<210> 29

<211> 420

<212> DNA

<213> human

<400> 29

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ggccggaa ccaagccctc tgtggcattc tctgtcttgt gggccccat tctagaatta 120

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cctcgtgact gagtttgggg taagtctccc tccagcttct ctctgggtga ctctggctg 240

gacgaggcag gcggcagggg gcgggggagc ggtcccagag gcagtgtgtc ccggaaagcca 300

tagctgcttg agccagcaact tggccatgac cagagaggga gaactggggc cccggggaca 360

agggcagccc ctcaggaggg catttgtggg agatgggggt aacaaagctt ggctgttaggg 420

<210> 30

<211> 342

<212> DNA

<213> human

<400> 30

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ggtcacccct cttcctccat ctccccagaa taacttcatc aacctgagct ttctccgcct 180

cttccgagct gcccggctca tcaaacttct ccgtcagggta tacaccatcc gcattttct	240
ctggacctt gtgcagtcct tcaaggtgag tcctcgccc tgctgctggc ccaggggctg	300
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<210> 31	
<211> 559	
<212> DNA	
<213> human	
<220>	
<221> Unsure	
<222> (536)..(536)	
<223> n = g, a, c, t or u	
<400> 31	
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caacccagtg gggcagagca ctgggacaag ggaggaagac tgcagtgcgg ctgagggacc	120
cccagcactc tttttcattt cctttttcc caccaggccc tgcccttatgt ctgtctgctg	180
atcgccatgc ttttttcattt ctatgccatc attggatgc aggtgagtgt cgtgtcccta	240
aggttccag agcctccaa ggagggcagc cacccttaga aagggtggg tcagaggagc	300
ctggttcaca gaagcagcca tggaggttga gctgggttc ccagaagcca ctggaggaat	360
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ggaggacgag gacagtgtatg aagatgagtt ccaaattact gagcacaata acttccggac	480
cttcttccag gccctcatgc tctttccgg tcagaagggg acctgctctg ataatnctgt	540
ttccgtgggg tgggtgcc	559
<210> 32	
<211> 316	
<212> DNA	
<213> human	
<400> 32	
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gagagtgtgg caatgaattt gttttttt acttttttc ctcatcttc ctctgctcg	240
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<210> 33  
<211> 694  
<212> DNA  
<213> human

<220>  
<221> Unsure  
<222> (413)..(413)  
<223> n = g, a, c, t or u

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cccattctct cttggtcccc ggtccccaca gatgctgaat ctctttgtcg ccgtcatcat 240  
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gccctctcct cctacgagtc tctcctgtct ctcactgtga agtctccaga tggtgaggat 660  
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<210> 34  
<211> 474  
<212> DNA  
<213> human

<400> 34  
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cagtttatta cgagtaatat ctccccctct cggcttaggc aagaaatgtc ctcataagggt 300  
tgcttgcaag gtttgacttc cactaaaacc tgctagcatc catggaatga gtgtggctg 360

gggttcttca atatatatat ttcataaaaa tatataaaaa tatctcttc tctctaaaaa	420
aacagagcca tctcttttc ttgcattaaa ctagaaaact ctcttagcca acag	474
<210> 35	
<211> 413	
<212> DNA	
<213> human	
<220>	
<221> Unsure	
<222> (323)..(413)	
<223> n = g, a, c, t or u	
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caccgtccac ttcaattcca ccctcatggc tctgatccgc acagccctgg acatcaagat	180
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gatctcctcc ctaccccaaa ctagaggatc tgctgtcacc acccgatct tcattcactc	300
ttccattcat tcgttccaca ggnnttttg gnnnttggnn ntgggtgtt tttttttt	360
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<210> 36	
<211> 636	
<212> DNA	
<213> human	
<220>	
<221> Unsure	
<222> (332)..(332)	
<223> n = g, a, c, t or u	
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<210> 37  
 <211> 829  
 <212> DNA  
 <213> human

<400> 37	
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<210> 38  
 <211> 801  
 <212> DNA  
 <213> human

<220>  
 <221> Unsure  
 <222> (161)..(161)  
 <223> n = g, a, c, t or u

<400> 38

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<210> 39  
<211> 329  
<212> DNA  
<213> human

<220>  
<221> Unsure  
<222> (177)..(177)  
<223> n = g, a, c, t or u

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<400> 39
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aagcctggtg gggcggccat ccccatcct 329
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<210> 40  
<211> 554  
<212> DNA

<213> human

<400> 40  
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gccctgtggt gctcagggac aagcagaaca gaggagagga gaggggagga gaaggcaggg 420  
cgaggagac actaaggaag aagaaaggga gaggcctcca tggagagggg acagagcggg 480  
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cggttcaggg gatc 554

<210> 41

<211> 461

<212> DNA

<213> human

<400> 41  
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aagcatcgac agcaccacca ccaccaccac caccaccacc atccccggcc ccccgacaag 180  
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<210> 42

<211> 664

<212> DNA

<213> HUMAN

<400> 42  
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<210> 43  
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 <212> DNA  
 <213> HUMAN

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Pro Leu Leu Gln Ile Gly Leu Leu Leu Phe Phe Ala Ile Leu Ile Phe			
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Gly Thr Glu Glu Pro Ala Arg Thr Cys Pro Asn Gly Thr Lys Cys Gln			
275	280	285	
Pro Tyr Trp Glu Gly Pro Asn Asn Gly Ile Thr Gln Phe Asp Asn Ile			
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Leu Phe Ala Val Leu Thr Val Phe Gln Cys Ile Thr Met Glu Gly Trp			
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Thr Asp Leu Leu Tyr Asn Ser Asn Asp Ala Ser Gly Asn Thr Trp Asn			
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Phe Asp Gly Ala Leu Arg Arg Thr Thr Ile Lys Lys Ser Lys Thr Asp			

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Asn Phe Asp Glu Gly Thr Pro Pro Thr Asn Phe Asp Thr Phe Pro Ala		
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Val Met Tyr Asp Gly Ile Lys Ser Gln Gly Gly Val Gln Gly Gly Met		
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730

735

Lys Leu Ala Leu Gln Lys Ala Lys Glu Val Ala Glu Val Ser Pro Leu  
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Trp His Asn Ile Met Leu Ser	Cys Leu Ser Gly Lys	Pro Cys Asp
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Lys Asn Ser Gly Ile Leu Thr	Arg Glu Cys Gly Asn	Glu Phe Ala
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Tyr Phe Tyr Phe Val Ser Phe	Ile Phe Leu Cys Ser	Phe Leu Met
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Thr Arg Asp Ser Ser Ile Leu	Gly Pro His His Leu	Asp Glu Tyr
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Val Arg Val Trp Ala Glu Tyr	Asp Pro Ala Ala Cys	Gly Arg Ile
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His Tyr Lys Asp Met Tyr Ser	Leu Leu Arg Val Ile	Ser Pro Pro
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Phe Asn Ser Thr Leu Met Ala	Leu Ile Arg Thr Ala	Leu Asp Ile
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Lys Ile Ala Lys Gly Gly Ala	Asn Lys Gln Gln Met	Asp Ala Glu
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1925	1930	1935
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2015	2020	2025
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